UNIVERSITY OF MYSORE

ENGINEERING EXAMINATIONS (INTEGRATED COURSE) OCTOBER/NOVEMBER 1969.

Note :—1 Detailed Time-Table of the Practical Examination for First Year to Final Year will be announced by the Chief Superintendents of the concerned centres of Examinations later.
(Note Carefully the Time of Examination)

TIME-TABLE

Notification No. Ex8-25/69-70, dated 30th September 1969.

Date	Time	Subject
FIRST EXAMINATION IN ENGINEERING (INTEGRATED COURSE).		
		Oral and Practical Examinations in Batches
		1 Workshop Practice**
		2 Physics Practicals
		3 Chemistry Practicals
Wednesday, 29th October 1969 ...	9 A.M. to 12 NOON.	English*
Thursday, 30th October 1969 ...	do	Physics
Friday, 31st October 1969 ...	do	Chemistry
Monday, 3rd November 1969, ...	do	Mathematics I-A
Tuesday, 4th November 1969 ...	do	Mathematics I-B
Wednesday, 5th November 1969 ...	do	Drawing**
Thursday, 6th November 1969 ...	do	Civil Engineering**

Note :—1. *Paper Common to Pre-professional Examinations in Medicine and Dental Surgery, First Year of the Five Year Integrated Course in Engineering. II Semester of the Revised Integrated Course in Engineering and I B.E. Special for Diploma Holders.

2. **Candidates admitted directly to the Second Year of the Five Year Integrated Course will take these subjects in addition to their Second Year Subjects.

SECOND EXAMINATION IN ENGINEERING (INTEGRATED COURSE).

Date	Time	Subject
Wednesday, 29th October 1969 ...	2 P.M. to 5 P.M.	Mechanical Engineering I
Thursday, 30th October 1969 ...	do	Engineering Materials (Metals)
Friday, 31st October 1969 ...	do	Mathematics II A
Monday, 3rd November 1969 ...	do	Mathematics II B
Tuesday, 4th November 1969 ...	do	Building Drawing I
Wednesday, 5th November 1969 ...	do	Chemistry II
Thursday, 6th November 1969 ...	2 P.M. to 6 P.M.	Applied Mechanics and Graphic Statics
Friday, 7th November 1969 ...	2 P.M. to 5 P.M.	Machine Drawing I
Tuesday, 11th November 1969 ...	do	Electrical Engineering I
Wednesday, 12th November 1969 ...	do	Physics II
		Oral and Practical Examinations in Batches
		1 Surveying Practice I
		2 Workshop Practice

Note :—1. B.Sc. Graduates and passed Intermediate candidates admitted directly to the II Year of the Five Year Integrated Course will also take the papers in (1) Drawing, (2) Civil Engineering of the I Year Integrated Course Examination on 5th November 1969, 6th November 1969 respectively and also the Practical Examination in Workshop Practice of the 1st Year Integrated Course Examination as per Practical Time-Table arranged by the Chief Superintendents of Centres later.

THIRD EXAMINATION IN ENGINEERING (INTEGRATED COURSE) CIVIL, MECHANICAL AND ELECTRICAL.

Oral and Practical Examinations in Batches.

1 Surveying Practice II
2 Mechanical Laboratory****
3 Electrical Laboratory****
4 Applied Mechanics Laboratory****
5 Workshop Practice

Date	Time	Subject
Wednesday, 29th October 1969	9 A.M. to 12 NOON	Mathematics III
Thursday, 30th October 1969	do	Physics****
Friday, 31st October 1969	do	Strength of Materials****
Monday, 3rd November 1969	do	Mechanical Engineering II****
Tuesday, 4th November 1969	do	Fluid Mechanics
Wednesday, 5th November 1969	do	Electrical Engineering II****
Thursday, 6th November 1969	do	Surveying II
Friday, 7th November 1969	do	Civil Engineering II
Tuesday, 11th November 1969	do	Machine Drawing II****
Wednesday, 12th November 1969	do	Graphic Statics
Thursday, 13th November 1969	do	Civil Engineering Drawing II

THIRD EXAMINATION IN ENGINEERING–OCTOBER 1969 (CONTD.) CHEMICAL ENGINEERING.

Oral and Practical Examinations in Batches.

1 Mechanical Laboratory****
2 Electrical Laboratory****
3 Applied Machanics Laboratory****
4 Physical Chemistry Laboratory**
5 Organic Chemistry Laboratory
6 Workshop Practice**

Date	Time	Subject
Wednesday, 29th October 1969	9 A.M. to 12 NOON	Mathematics III**
Thursday, 30th October 1969	do	Physics****
Friday, 31st October 1969	do	Strength of Materials****
Monday, 3rd November 1969	do	Mechanical Engineering II****
Tuesday, 4th November 1969	do	Physical Chemistry I**
Wednesday, 5th November 1969	do	Electrical Engineering II****
Thursday, 6th November 1969	do	Organic Chemistry
Friday, 7th November 1969	do	Chemical Engineering
Tuesday, 11th November 1969	do	Drawing****

THIRD EXAMINATION IN ENGINEERING OCTOBER 1969 (Contd)
METALLURGY.

Oral and Practical Examinations in Batches

1 Mechanical Laboratory ****
2 Electrical Laboratory ****
3 Applied Mechanics Laboratory ****
4 Workshop Practice **
5 Analytical Chemistry Laboratory
6 Geology Laboratory
7 Physical Chemistry Laboratory **

Wednesday, 29th Oetober 1969	9 A.M. to 12 NOON	Mathematics III **
Thursday, 30th October 1969	do	Physics ****
Friday, 31st October 1969	do	Strength of Materials ****
Monday, 3rd November 1969	do	Mechanical Engineering II ****
Tuesday, 4th Novomber 1969	do	Physical Chemistry I **
Wednesday, 5th November 1969	do	Electrical Engineering II ****
Thursday, 6th November 1969	do	Geology
Tuesday, 11th November 1969	do	Drawing ****

Note:—1 ** Paper and Practicals common to students of Metallurgy and Chemical Engineering branches.

2 **** Paper and practicals common to students to Civil, Mechanical, Electrical, Chemical Engineering and Metallurgy Branches.

3 The question paper in 'Machine Drawing II' for students of Civil, Mechanical and Electrical branches and 'Drawing' for students of Metallurgy and Chemical Engineering branches will be the same.

FOURTH EXAMINATION IN ENGINEERING (INTERGRATED COURSE)

CIVIL

Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Public Health Engineering
Thursday, 30th October 1969	do	Surveying III
Friday, 31st October 1969	do	Mathematics IV (A)
Monday, 3rd November 1969	do	Hydraulics and Hydraulic Machinery
Tuesday, 4th November 1969	do	Building Construction and Architecture
Wednesday, 5th November 1969	do	Highway Engineering, Railways, Tunnels and Harbours
Thursday, 6th November 1969	do	Strength of Materials and Theory of Structures I
Friday, 7th November 1969	do	Engineering Geology
Tuesday, 11th Nouember 1969	2 P.M. to 6 P.M.	Design and Drawing (Buildidgs)

MECHANICAL

Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Workshop Theory I
Thursday, 30th October 1969	do	Hydrulic Machinery I
Friday, 31st October 1969	do	Mathematics IV (A)
Monday, 3rd November 1969	do	Machine Drawing III
Tuesday, 4th November 1969	do	Electrical Engineering III
Wednesday, 5th November 1969	do	Theory of Machines I
Thursday, 6th November 1969	do	Structural Engineering I (B)
Friday, 7th November 1969	do	Design of Machine Members
Tuesday, 11th November 1969	do	Heat Engines I

FOURTH EXAMINATION IN ENGINEERING (Contd): ELECTRICAL.

Wednesday, 29th October 1969	2 P.M. to 6 P.M.	Electrical and Machine Drawing
Thursday, 30th October 1969	2 P.M. to 5 P.M.	Theory and Design of Machines
Friday, 31st October 1969	do	Mathematics IV and (A)
Monday, 3rd November 1969	do	Electrical Machinery I
Tuesday, 4th November 1969	do	Electrical and Magnetic circuits
Wednesday, 5th November 1969	do	Heat Engines
Thursday, 6th November 1969	do	Structural Engineering I (B)
Friday, 7th November 1969	do	Electronics
Tuesday, 11th November 1969	do	Machine Tools

CHEMICAL ENGINEERING

Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Stoichiometry
Thursday, 30th October 1969	do	Size reduction, separation and mechanical operations
Friday, 31st October 1969	do	Fluid Mechanics
Monday, 3rd November 1969	do	Theory of Machines
Tuesday, 4th November 1969	do	Mathematics IV (C)
Wednesday, 5th November 1969	do	Fuels, Furnaces and Refractories
Thursday, 6th November 1969	do	Heat transfer and Evaporation
Friday, 7th November 1969	do	Physical Chemistry II
Tuesday, 11th November 1969	do	Inorganic Chemical Techonology

FOURTH EXAMINATION IN ENGINEERING (Contd): METALLURGY

Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Metallurgical Thermodynamics
Thursday, 30th October 1969	do	Extractive Metallurgy I (Non-ferrous)
Friday, 31st October 1969	do	Physical Metallurgy I
Monday, 3rd November 1969	do	Mineral Dressing
Tuesday, 4th November 1969	do	Mathematics IV (C)
Wednesday, 5th November 1969	do	Extrative Metallurgy II (Ferrous)
Thursday, 6th November 1969	do	Foundry Technology
Friday, 7th November 1969	do	Material Testing
Tuesday, 11th November 1969	do	Fuels, Refractories and Furnaces

ORAL AND PRACTICAL EXAMINATIONS IN BATCHES

Civil Engineering	1	Surveying Practice III
	2	Strength of Materials and Structural Laboratory
	3	Geology Practical
	4	Concrete Technology and High Way Materials Laboratory
Mechanical Engineering	1	Workshop Practice I
	2	Mechanical Laboratory I
	3	Electrical Laboratory I
Electrical Engineering	1	Machine Shop Practice
	2	Electrical Laboratory I
	3	Mechanical Laboratory
Chemical Engineering	1	Fluid Mechanics Laboratory
	2	Technical and Instrumental Analysis
	3	Mechanical Laboratory (Steam)
	4	Mechanical Operations Laboratory
Metallurgy	1	Physical Metallurgy Laboratory
	2	Material Testing Laboratory
	3	Mineral Dressing Laboratory

Note :—1 (A) Common to Civil, Mechanical and Electrical Branches
(B) Common to Mechanical and Electrical Branches
(C) Common to Chemical and Metallurgy Branches.

FINAL EXAMINATION ENGINEERING (INTEGRATED COURSE)
CIVIL

Practicals		1 Hydraulic Laboratory 2 Soil Mechanics Laboratory 3 Surveying Practice IV
Thursday, 30th October 1969	9 A. M. to 12 NOON	Irrigation Engineering
Friday, 31st October 1969	do	Surveying IV
Monday, 3rd November 1969	do	Theory of Structures II and Pre-stressed Concrete
Tuesday, 4th November 1969	9 A. M. to 1 P. M.	Design and Drawing I (Irrigation and Bridges)
Wednesday, 5th November 1969	do	Design and Drawing II (Structures)
Thursday, 6th November 1969	9 A. M. to 12 NOON	Estimating, Specifications and Engineering Economics
Friday, 7th November 1969	do	Highway and Airport Pavement Design (Elective)
Tuesday, 11th November 1969	do	Hydraulics and Dam Design (Elective) (A)
Wednesday, 12th November 1969	do	Structural Engineering II
Thursday, 13th November 1969	do	Public Health Engineering (Elective)
Friday 14th November 1969	do	Soil Mechanics and Foundation Engineering
Saturday, 15th November 1969	do	Advanced Structural Design I (Elective) (A)
Monday, 17th November 1969	do	Advanced Soil Mechanics and Foundation Engineering (Elective)
Tuesday, 18th November 1969	do	Mathematics (Elective) (A)
Wednesday, 19th November 1969	do	Hydrology (Elective)
Thursday, 20th November 1969	do	Basic Electronics (Elective) (B)
Friday 21st November 1969	do	Elementary Theory of Elasticity (Elective) (A)
Saturday, 22nd November 1969	do	Advanced Pre-stressed Concrete (Elective) (A)

Final Examination in Engineering (Integrated Course Contd) Mechanical
Oral and Practical Examination in Batches.

		1 Workshop Practice II 2 Mechanical Laboratory II
Wednesday, 29th October 1969	9 A. M. to 12 NOON	Water Power Engineering (C)
Thursday, 30th October 1969	do	Theory of Machines II
Friday, 31st October 1969	do	Design of Machine Members II
Monday 3rd November 1969	do	Heat Engines II
Thesday 4th November 1969	do	Workshop Theory II
Wednesday, 5th November 1969	do	Estimating, Specifications and Engineering Economics
Thursday, 6th November 1969	9 A. M. to 1 P. M.	Machine Drawing II
Friday, 7th November 1969	9 A. M. to 12 NOON	Thermal Power plant
Tuesday, 11th November 1969	do	Hydraulic and Dam Design (Elective) (A)
Wednesday, 12th November 1969	do	Foundry Engineering (Elective) (F)
Thursday, 13th November 1969	do	Refrigeration, Heating and Air Conditioning (Elective) (E)
Friday, 14th November 1969	do	Gas Turbines (Elective)
Saturday, 15th November 1969	do	Advanced Structural Design I (Elective) (A)
Monday, 17th Novomber 1969	do	Production, Management and Organization (Elective) (C)
Tuesday, 18th November 1969	do	Mathematics (Elective) (A)
Wednesday, 19th November 1969	do	Automobile Engineering (Elective) (G)
Thursday, 20th November 1969	do	Basic Electronics (Elective) (B)
Friday, 21st November 1969	do	Elementary Theory of Elasticity (Elective) (A)

FINAL EXAMINATION IN ENGINEERING (INTEGRATED COURSE) MECHANICAL CONTD :

Saturday, 22nd November 1969	9 A.M. to 12 NOON	Advanced Pre-stressed Concrete (Elective) (A)

ELECTRICAL

Wednesday, 29th October 1969	9 A.M. to 12 NOON	Water Power Engineering (C)
Thursday, 30th October 1969	do	Electrical Machinery II
Friday, 31st October 1969	do	Electrical Measurements
Monday, 3rd November 1969	do	Transmission and Distribution
Tuesday, 4th November 1969	do	Generating Stations and Sub-stations
Wednesday, 5th November 1969	do	Estimating, Specifications and Engineering Economics
Thursday, 6th November 1969	do	Utilisation of Electrical Power
Friday, 7th November 1969	9 A.M. to 1 P.M.	Electrical Drawing
Tuesday, 11th November 1969	9 A.M. to 12 NOON	Hydraulics and Dam Design (Elective) (A)
Wednesday, 12th November 1969	do	Radio Engineering (Elective)
Thursday, 13th November 1969	do	Refrigeration, Heating and Air Conditioning (Elective) (E)
Friday, 14th November 1969	do	Symmetrical Components (Elective)
Saturday, 15th November 1969	do	Advanced Structural Design I (Elective) (A)
Monday, 17th November 1969	do	Production, Management and Organization (Elective) (C)
Tuesday, 18th November 1969	do	Mathematics (Elective) (A)
Wednesday, 19th November 1969	do	Automobile Engineering (Elective) (G)
Thursday, 20th November 1969	do	Electrical Machine Design (Elective)
Friday, 21st November 1969	do	Elementary Theory of Elasticity (Elective) (A)
Saturday, 22nd November 1969	do	Advanced Pre-stressed Concrete (Elective) (A)

ORAL AND PRACTICAL EXAMINATION IN BATCHES :

1 Electrical Laboratory II (A. C. Machinery)
2 Electrical Laboratory III (Measurements)

FINAL EXAMINATION IN ENGINEERING (INTEGRATED COURSE) CONTD :
CHEMICAL ENGINEERING.

Wednesday, 29th October 1969	9 A.M. to 12 NOON	Chemical Engineering Thermo-dynamics
Thursday, 30th October 1969	do	Organic Chemical Technology
Firday, 31st October 1969	do	Mass Transfer I
Monday, 3rd November 1969	do	Mass Tranfer II
Tuesday, 4th November 1969	do	Electo-Metallurgy and Corrosion (Elective) (I)
Wednesday, 5th November 1969	do	Industrial Economics and Management (D)
Thursday, 6th November 1969	9 A.M. to 1 P.M.	Plant Design
Friday, 7th November 1969	9 A.M. to 12 NOON	Chemical Engineering Kinetics (Elective)
Tuesday, 11th November 1969	do	Petroleum Engineering and Petro-Chemicals (Elective)
Thursday, 13th November 1969	do	Refrigeration, Heating and Air Conditioning (Elective) (E).
Friday, 14th November 1969	do	Instrumentation and Process Control (H)
		Oral and Practical Examinations in batches
		1 Mass Transfer Laboratory
		2 Heat Transfer Laboratory

METALLURGY

Wednesday, 29th October 1969	9 A.M. to 12 NOON	Mechanical and Thermal Treatment
Thursday, 30th October 1969	do	Physics of Metals
Friday, 31st October 1969	do	Experimental Methods in Metallurgy
Monday, 3rd November 1969	do	Extractive Metallurgy III
Tuesday, 4th November 1969	do	Electrometallurgy and Corrosion (I)
Wednesday, 5th November 1969	do	Industrial Economics and Management (D)

FINAL EXAMINATION IN ENGINEERING-METALLURGY BRANCH CONTD.

Thursday, 6th November 1969	9 A.M. to 12 NOON	Physical Metallurgy II
Friday, 7th November 1969	do	Advanced Foundry Metallurgy (Elective)
Tuesday, 11th November 1969	do	Design of Materials (Elective)
Friday, 14th November 1969	do	Instrumentation and Process Control (Elective)(H)
Saturday, 15th November 1969	do	Recent Advances in Iron and Steel making (Elective)
		Oral and Practical Examinations in Batches: 1. Physics of Metals Laboratory.

Note.—(A) Common to Civil, Mechanical and Electrical Branches.
(B) Common to Civil and Mechanical Branches.
(C) Common to Mechanical and Electrical Branches.
(D) Common to Chemical and Metallurgy Branches.
(E) Common to Mechanical, Electrical and Chemical Engineering Branches.
(F) Common to B.E. (Mech). (IC and B.E. (Mech). (R.S.) Branches.
(G) Common to B.E. (Mech). (IC) B.E. (Elecl) (IC) and B.E (Mech). (RS) Branches.
(H) Instrumentation and Process Control: This paper is an Elective Paper for V. B. E. Metallurgy Branch; but a compulsory paper for V.B.E. Chemical Engg. Branch.
(I) Electrometallurgy and Corrosion.—This paper is a compulsory paper for V.B.E. Metallurgy Branch, but an Elective paper for V. B. E Chemical Engg. Branch.

1. Candidates of the Final Year (I.C.) Metallurgy Branch have to submit four copies of thesis at the latest on 29th October 1969 to the Principal, Karnataka Regional Engineering College, Surathkal, if they are submitting the thesis now.
2. Candidates of Final Year (I.C.) Chemical Engineering have to submit four copies of dissertations (Project Work) at the latest on 29th October 1969 to the Principal, Karnataka Regional Engineering College, Surathkal, if they are submitting dissertations, now.
3. Dates of *Viva Voce* on the Dissertations work and on the thesis work for the students of Final B.E. Chemical Engineering and Final B.E. Metallurgical Engineering will be notified in due course by the Principal, Karnataka Regional Engineering College, Surathkal, S. K.

B. N. BOLE GOWDA,
Controller of Examinations.

ENGINEERING EXAMINATIONS—SEMESTER COURSE—OCTOBER/NOVEMBER 1969.

(Revised Integrated Course)

Note:—Detailed Time-table for the Practical Examinations in batches will be announced by the Chief Superintendents of the concerned centres of Examination, later.

TIME-TABLE.

Notification No. Ex-8-25/69-70. dated 30th September 1969.

Date	Time	Subject
1	2	3
FIRST SEMESTER OF THE FIRST EXAMINATION IN ENGINEERING		
		Group 'A' Subjects
Tuesday, 4th November 1969	9 A.M. to 12 NOON	Mathematics IA
Wednesday, 5th November 1969	do	Physics
Thursday, 6th November 1969	do	Chemistry
SECOND SEMESTER OF THE FIRST EXAMINATION IN ENGINEERING		
		Group 'C' Subjects
Wednesday, 29th October 1969	9 A.M. to 12 NOON	English*
Thursday, 30th October 1969	do	Mathematics IB
Friday, 31st October 1969	9 A.M. to 1 P.M.	Engineering Drawing
Monday, 3rd November 1969	9 A.M. to 12 NOON	Engineering Materials

Note:—*Paper Common to Students of the I. B E. Integrated Course in Engineering, I B.E. Special for Diploma Holders, Pre-professional in Medicine and B. D. S. and II Semester of I B. E. (R. I. C.) Examinations.

Practicals:
1 Physics Laboratory I
2 Chemistry Laboratory I
3 Workshop Practice.

FIRST SEMESTER OF THE SECOND EXAMINATION IN ENGINEERING

Date	Time	Subject
1	2	3
		Group 'A' Subjects.
Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Mathematics IIA
Thursday, 30th October 1969	2 P.M. to 6 P.M.	Applied Mechanics and Graphic Statics
Friday, 31st October 1969	2 P.M. to 5 P.M.	Elements of Electrical Engineering I
Monday, 3rd November 1969	do	Elements of Mechanical Engineering
Tuesday, 4th November 1969	do	Surveying I

SECOND SEMESTER OF THE SECOND EXAMINATION IN ENGINEERING (R.I.C.)

		Group 'C' Subjects
Wednesday, 5th November 1969	2 P.M. to 5 P.M.	Mathematics IIB
Thursday, 6th November 1969	do	Physics
Friday, 7th November 1969	do	Chemistry
Tuesday, 11th November 1969	2 P.M. to 6 P.M.	Engineering Drawing
Practicals :		1 Workshop Practice II
		2 Survey Practice I

Note:—Candidates admitted directly to II B.E. (R.I.C) during 1968-69 and taking the II B E.—Second Semester Examination now will also take the papers in I. Engineering Drawing and 2. Engineering Materials of the II Semester of I B.E. Examination on 31st October and 3rd November 1969 respectively and also the practical examination in Workshop Practice of the II Semester of I B.E. (R. I. C.) examination, as per practical time-table arranged by the Chief Superintendent of the concerned Centres later.

B. N. BOLE GOWDA,
Controller of Examinations.

ENGINEERING EXAMINATIONS—OCTOBER 1969 (NEW SEMESTER SCHEME)

Note:—Detailed Time-Table of the Practical Examination for first, Second and Third B E —I Semester Examinations will be notified by the Chief Superintendents of the concerned centres of Examination, later.

Notification No. Ex-8/25/69-70, dated 30th September 1969.

TIME TABLE.

Date	Time	Subject
FIRST SEMESTER OF THE FIRST EXAMINATION IN ENGINEERING (NEW SEMESTER SCHEME)		
Thursday, 6th November 1969	9 A.M. to 12 NOON	Mathematics IA
Friday, 7th November 1969	do	Physics I
Tuesday, 11th November 1969	do	Engineering Materials
Wednesday, 12th November 1969	do	Engineering Drawing I-A
Practicals :		Physics Practical I
FIRST SEMESTER OF THE SECOND EXAMINATION IN ENGINEERING (NEW SEMESTER SCHEME) CIVIL, MECHANICAL AND ELECTRICAL BRANCHES		
Monday, 3rd November 1969	2 P.M. to 5 P.M.	Mathematics II A*
Tuesday, 4th November 1969	do	Applied Mechanics and Graphic Statics
Wednesday, 5th November 1969	do	Chemistry II
Thursday, 6th November 1969	do	Elements of Mechanical Engineering*
Practicals :		1 Mechanical Laboratory*
		2 Workshop Practice

FIRST SEMESTER OF THE SECOND EXAMINATION IN ENGINEERING

(NEW SEMESTER SCHEME)

CHEMICAL ENGINEERING BRANCH

Date	Time	Subject
Monday, 3rd November 1969	2 P.M. to 5 P.M.	Mathematics II A*
Tuesday, 4th November 1969	do	Engineering Mechanics**
Wednesday, 5th November 1969	do	Inorganic Chemistry I**
Thursday, 6th November 1969	do	Elements of Mechanical Engineering*
Friday, 7th November 1969	do	Physical Chemistry I**

Practicals :

1 Machanical Laboratory*
2 Workshop Practice II (Machine Shop)**
3 Analytical Chemistry Laboratory I**

METALLURGY

Monday, 3rd November 1969	2 P M. to 5 P.M.	Mathematics IIA*
Tuesday, 4th November 1969	do	Engineering Mechanics**
Wednesday, 5th November 1969	do	Inorganic Chemistry I**
Thursday, 6th November 1969	do	Elements of Mechanical Engineering*
Friday, 7th November 1969	do	Physical Chemistry I**

Practicals :

1 Mechanical Laboratory*
2 Workshop Practice II (Machine shop)**
3 Analytical Chemistry Laboratory I**

Note :- (A)* Common to Students of Civil, Mechanical, Electrical, Chemical Engineering and Metallurgical Engineerin Branches.

(B)** Common to Students of Chemical Engineering and Metallurgy Branches.

FIRST SEMESTER OF THE THIRD EXAMINATION IN ENGINEERING

(NEW SEMESTER SCHEME)

CIVIL BRANCH

Date	Time	Subject
Monday, 3rd November 1969 ...	9 A.M. to 12 NOON	Mathematics III A*
Tuesday, 4th November 1969 ...	do	Fluid Mechanics I
Wednesday, 5th November 1969 ...	do	Electrical Engineering II***
Thursday, 6th November 1969 ...	do	Construction, Architecture and Town Planning
Friday, 7th November 1969 ...	9 A.M. to 1 P.M.	Civil Engineering Drawing

Practicals : 1. Fluid Mechanics Laboratory I
2. Electrical Laboratory***

1	2	3
	MECHANICAL BRANCH	
Monday, 3rd November 1969	... 9 A.M. to 12 NOON	Mathematics IIIA*
Tuesday, 4th November 1969	... do	Strength of Materials**
Wednesday, 5th November 1969	... do	Engineering Metallurgy
Thursday, 6th November 1969	... do	Thermodynamics I
Friday, 7th November 1969	... do	Electrical Technology
	Practicals:	1. Strength of Meterials Laboratory**
		2. Electrical Laboratory I
		3. Workshop Practice IIIA
	ELECTRICAL BRANCH	
Monday. 3rd November 1969	... 9 A.M. to 12 NOON	Mathematics IIIA*
Tuesday, 4th November 1969	... do	Strength of Materials**
Wednesday, 5th November 1969	... do	Hydraulics and Hydraulic Machinery
Thursday, 6th November 1969	... do	Materials Science
Friday, 7th November 1969	... do	Field and Circuits I
	Practicals:	1. Strength of Materials Laboratory**
		2. Hydraulic Laboratory
	CHEMICAL ENGINEERING BRANCH	
Monday, 3rd November 1969	... 9 A.M. to 12 NOON	Mathematics IIIA*
Tuesday, 4th November 1969	... do	Strength of Materials**
Wednesday, 5th November 1969	... do	Electrical Engineering II***
Thursday, 6th November 1969	... do	Physical Chemistry II****
Friday, 7th November 1969	... do	Organic Chemistry II
	Practicals:	1. Strength of Materials Laboratory**
		2. Electrical Laboratory***
		3. Physical Chemistry Laboratory I****
		4. Organic Chemistry Laboratory II
	METALLURGICAL ENGINEERING BRANCH	
Monday, 3rd November 1969	... 9 A.M. to 12 NOON	Mathematics IIIA*
Tuesday, 4th November 1969	... do	Strength of Materials**
Wednesday. 5th November 1969	... do	Electrical Engineering II***
Thursday, 6th November 1969	... do	Physical Chemistry II****
	Practicals:—1.	Strength of Materials Laboratory**
	2.	Electrical Laboratory***
	3.	Physical Chemistry Laboratory I****

Note:—(a)* Common to students of Civil, Mechanical, Electrical, Chemical Engineering and Metallurgical Engineering Branches.

(b)** Common to students of Mechanical, Electrical, Chemical and Metallurgical Engineering Branches.

(c)*** Common to students of Civil, Chemical and Metallurgical Engineering Branches.

(d)**** Common to students of Chemical and Metallurgical Engineering Branches.

B. N. BOLE GOWDA,
Controller of Examinations.

ENGINEERING EXAMINATIONS (SPECIAL FOR DIPLOMA HOLDERS)—OCTOBER 1969.

Notification No(Ex-8/25/69-70 dated 30th September 1969.

(SEMESTER SCHEME)

Date	*Time*	*Subject*
First Semester of the First Examination in Engineering (Special) for Engineering Diploma Holders.		
Thursday, 6th November 1969	9 A.M. to 12 NOON.	Mathematics I
Friday, 7th November 1969	do	Physics I
Tuesday, 11th November 1969	do	Chemistry I
Wednesday, 12th November 1969	do	Elements of Civil, Engineering (for Mechanical and Electrical Diploma Holders only).
Thursday, 13th November 1969	do	Elements of Electrical Engineering (for Mechanical and Civil Diploma Holders only)
Friday, 14th November 1969	do	Engineering Drawing (for Civil and Electrical Diploma Holders only)
	Practicals :—1	Survey Practice (for Mechanical and Electrical Diploma Holders only).
	2	Workshop Practice. (For Civil and Electrical Diploma Holders only)
	3	Chemistry Laboratory.

Note:—Detailed Time-Table of the Practical Examination will be notified by the Principal, Siddaganga Institute of Technology, Tumkur later.

B. N. BOLE GOWDA,
Controller of Examinations.

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ENGINEERING EXMINATION (SPECIAL) FOR DIPLOMA HOLDERS-OCTOBER/NOVEMBER, 1969.

Notification No. Ex-8/25/69-70. dated 30th September 1969.

(Note carefully the date and time of the paper for the Examination)

TIME-TABLE.

Date	*Time*	*Subject*
First Examination in Engineering (Special) for Diploma Holders.		
Wednesday, 29th October 1969	9 A.M. to 12 NOON.	English*
Thursday, 30th October 1969	do	Physics I
Friday, 31st October 1969	do	Physics II
Monday, 3rd November 1969	do	Chemistry I
Tuesday, 4th November 1969	do	Chemistry II
Wednesday, 5th November 1969	do	Mathematics I
Thursday, 6th November 1969	do	Mathematics II
Friday, 7th November 1969	do	Applied Mechanics
Tuesday, 11th November 1969	do	Geometrical Drawing
		Oral and Practical Examinations in Batches Workshop Practice-I** Physics Practicals and Chemistry Practicals

Note :—(a) * Paper Common to Pre-Professional Examinations in Dental Surgery and Medicine, I. B. E. Examination of the 5 year Integrated Course, I B. E. Examination (Special) for Diploma Holders and II Semester of I B. E. Revised Integrated Course Examination.

(b) ** Examination in "Workshop Practice I" is for students of civil and Electrical Diploma Holders only.

Date	*Time*	*Subject*
Second Examination in Engineering (Special) for Civil/Mechanical/Electrical Diploma Holders.		
	CIVIL BRANCH.	
Wednesday, 29th October 1969	2 P.M. to 5 P.M	Mathematics I*
Thursday, 30th October 1969	do	Mathematics II*
Friday, 31st October 1969	do	Graphic Statics*
Monday, 3rd November 1969	do	Strength of Materials*
Tuesday, 4th November 1969	do	Civil Engineering
Wednesday, 5th November 1969	do	Mechanical Engineering
Thursday, 6th November 1969	do	Machine Drawing
Friday, 7th November 1969	do	Electrical Engineering ***
Tuesday, 11th November 1969	do	Engineering Materials (Metals)**
Wednesday, 12th November 1969	do	Physics*
Thursday, 13th November 1969	do	Fluid Mechanics*
	Practicals :—	Applied Mechanics Laboratory Mechanical Laboratory Electrical Laboratory*** Workshop Practice II**
	MECHANICAL BRANCH	
Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Mathematics I*
Thursday, 30th October 1969	do	Mathematics II*
Friday, 31st October 1969	do	Graphic Statics*
Monday, 3rd November 1969	do	Strength of Materials*
Tuesday, 4th November 1969	do	Civil Engineering****
Wednesday, 5th November 1969	do	Civil Engineering Drawing****

Date	*Time*	*Subject*
Second Examination in Engineering (Special) for Civil/Mechanical/Electrical Diploma Holders (Contd.)		
	MECHANICAL BRANCH	
Thursday, 6th November 1969	2 P M. to 5 P.M.	Surveying****
Friday, 7th November 1969	do	Electrical Engineering***
Wednesday, 12th November 1969	do	Physics*
Thursday, 13th November 1969	do	Fluid Mechanics*
	Practicals:—	Surveying Practice**** Eletrical Laboratory***
	ELECTRICAL BRANCH	
Wednesday, 29 h October 1969	2 P.M. to 5 P.M.	Mathematics I*
Thursday, 30th October 1969	do	Mathematics II*
Friday, 31st October 1969	do	Graphic Statics*
Monday, 3rd November 1969	do	Strength of Materia's*
Tuesday, 4th November 1969	do	Civil Engineering****
Wednesday, 5th November 1969	do	Civil Engineering Drawing****
Thursday, 6th November 1969	do	Surveying****
Tuesday, 11th November 1969	do	Engineering Materials (Metals)**
Wednesday, 12th November 1969	do	Physics*
Thursday, 13th November 1969	do	Fluid Mechanics*
	Practicals:—	Surveying Practice**** Warkshop Practice**

Note:—(a) *Common to students of Civil Mechanical and Electrical Branches

(b) **Common to students of Civil and Electrical Branches

(c) ***Common to students of Civil and Mechanical Branches

(d) ****Common to students of Mechanical and Electrical Branches only.

Note:—Detailed Time-Table for the Practical Examinations of I/II B. E. Special for Diploma Holders Examinations will be announced by the Chief Superintendent of the concerned centre of Examination, later.

B. N. BOLE GOWDA,
Controller of Examinations.

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ENGINEERING EXAMINATIONS—OCTOBER/NOVEMBER 1969.

(Karnatak University/Syllabus)

(Note carefully the timings of the papers)

Note:—The Written and Practical Examinations will be conducted in the following orde.

TIME-TABLE.

Notification No. EX-8/25/69-70, dated 30th September 1969.

Date	Time	Subject
	FIRST YEAR B. E. EXAMINATION	
Wednesday, 29th October 1969	9 A.M. to 12 NOON	Surveying I
Thursday, 30th October 1969	do	Mathematics II
Friday, 31st October 1969	do	Chemistry II
Monday, 3rd November 1969	do	Elements of Mechanical Engineering
Tuesday, 4th November 1969	do	Engineering Materials
Wednesday, 5th November 1969	do	Elements of Electrical Engineering
Thursday, 6th November 1969	do	Physics II
Friday, 7th November 1969	9 A.M to 1 P.M.	Applied Mechanics and Graphic Statics
Tuesday, 11th November 1969	do	Machine Drawing
Wednesday, 12th November 1969	9 A.M. to 12 NOON	English
	SECOND YEAR B. E. EXAMINATION	
	CIVIL	
Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Construction I*
Thursday, 30th October 1969	do	Mathematics III*
Friday, 31st October 1969	2 P.M. to 6 P.M.	Strength of Materials and Graphic Statics*
Monday, 3rd November 1969	2 P M. to 5 P.M.	Mechanical Engineering.
Tuesday, 4th November 1969	do	Hydraulics*
Wednesday, 5th November 1969	do	Electrical Engineering I
Thursday, 6th November 1969	2 P.M. to 6 P.M.	Design and Drawing (Buildings)
Friday, 7th November 1969	2 P.M. to 5 P.M.	Physics III*
Tuesday, 11th November 1969	do	Surveying II
	MECHANICAL AND ELECTRICAL	
Wednesday. 29th October 1969	2 P.M. to 5 P.M.	Construction I*
Thursday, 30th October 1969	do	Mathematics III*
Friday, 31st October 1969	2 P.M. to 6 P M.	Strength of Materials and Graphic Statics*
Monday. 3rd November 1969	2 P.M. to 5 P.M.	Heat Engines I**
Tuesday, 4th November 1969	do	Hydrulics*
Wednesday, 5th November 1969	do	Electrical Engineering I (Electrical Branch) Electrical Technology (Mechanical Branch)
Thursday, 6th November 1969	2 P.M. to 6 P.M.	Theory of Machines and Machine Design**
Friday, 7th November 1969	2 P.M. to 5 P.M.	Physics III
Tuesday, 11th November 1969	do	Electronics I**
	THIRD EXAMINATION IN ENGINEERING	
	CIVIL	
Wednesday, 29th October 1969	9 A.M. to 12 NOON	Mathematics IV*
Thursday, 30th October 1969	do	Water Supply and Sanitary Engineering
Friday, 31st October 1969	do	Irrigation I
Monday, 3rd November 1969	do	Soil Mechanics and Foundation Engineering
Tuesday, 4th November 1969	do	Surveying III

Date	Time	Subject
Wednesday, 5th November 1969	9 A.M. to 12 NOON	Strength of Materials and Elementary Theory of Structures
Thursday, 6th November 1969	do	Construction II and Principles of Architecture and Town Planning
Friday, 7th November 1969	do	Engineering Geology
Tuesday, 11th November 1969	do	Elements of Economics, Accounts and Book Keeping*
	MECHANICAL.	
Wednesday, 29th October 1969	9 A.M. to 12 NOON	Mathematics IV*
Thursday, 30th October 1969	do	Fluid Mechanics
Friday, 31st October 1969	do	Heat Engines II
Monday, 3rd November 1969	do	Electrical Technology (Utilisation)
Tuesday 4th November 1969	do	Workshop Technology I
Wednesday, 5th November 1969	do	Advanced Strength of Materials
Thursday, 6th November 1969	do	Theory of Machines I
Friday, 7th November 1969	9 A.M. to 1 P.M.	Machine Design and Drawing
Tuesday, 11th November 1969	9 A.M. to 12 NOON	Elements of Economics, Accounts and Book Keeping*
	ELECTRICAL.	
Wednesday, 29th October 1969	9 A.M. to 12 NOON	Mathematics IV*
Thursday, 30th October 1969	do	Electrical Engineering II
Friday, 31st October 1969	do	Mechanical Techology
Monday, 3rd November 1969	do	Power Plant Engineering
Tuesday, 4th November 1969	do	Electronics II
Wednesday, 5th November 1969	9 A.M. to 12 NOON	Strength of Materials and Elementary Theory of Structures
Thursday, 6th November 1969	do	Electrical Engineering Materials and Elements of Electrical Design
Friday, 7th November 1969	do	Transmission and Distribution I
Tuesday, 11th November 1969	do	Elements of Economics, Accounts and Book Keeping*

FINAL EXAMINATION IN ENGINEERING (NEW SCHEME).

	CIVIL.	
Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Theory of Structures I
Thursday, 30th October 1969	do	Construction III
Friday, 31st October 1969	do	Irrigation II and applied Hydraulics and Dam Design
Monday, 3rd November 1969	do	Roads and Bridges
Tuesday 4th November 1969	2 P.M. to 6 P.M.	Quantity Surveying and Costing
Wednesday, 5th November 1969	2 P.M. to 5 P.M.	Railways Tunnels, Harbours and Docks
Thursday, 6th November 1969	do	Theory of Structures II and Structural Design
Friday, 7th November 1969	2 P.M. to 6 P.M.	Structural Design and Drawing
	MECHANICAL.	
Wednesday, 29th October 1969	2 P.M to 5 P.M.	Hydraulic Machines and Systems
Thursday, 30th October 1969	do	Heat Engines III
Friday, 31st October 1969	do	Theory of Machines II
Monday, 3rd November 1969	2 P.M. to 6 P.M.	Machine Design and Drawing II
Tuesday, 4th November 1969	2 P.M. to 5 P.M.	Workshop Technology II
Wednesday, 5th November 1969	do	Industrial Engineering**

Date	Time	Subject
	FINAL EXAMINATION IN ENGINEERING—MECHANICAL (*Contd*).	
Thursday, 6th November 1969	2 P.M. to 5 P.M.	Power Plant Engineering
Friday, 7th November 1969	do	Metallurgy
	ELECTRICAL	
Wednesday, 29th October 1969	2 P.M. to 5 P.M.	Electrical Engineering III
Thursday, 30th October 1969	do	Utilisation of Electrical Power
Friday, 31st October 1969	do	Generation, Protection and Switchgear
Monday, 3rd November 1969	do	Design of Electrical Machines and Apparatus
Tuesday, 4th November 1969	do	Transmission and Distribution II
Wednesday, 5th November 1969	do	Industrial Engineering**
Thursday, 6th November 1969	do	Electrical Estimating, Costing and Specifications
Friday 7th November 1969	do	Electrical Measurements and Measuring Instruments.

Note.:—1 (a) *Common to Civil, Mechanical and Electrical Branches.

(b) **Common to Mechanical and Electrical Branches.

2 Candidates are forbidden to take any books or papers or notes into the Examination Hall.

3 Candidates are expected to provide themselves with the Slide Rules.

4 The exchange on loan of slide rules, drawing instruments or other materials used in the Examinations is not permitted while the examination is in progress. Candidates must bring their own instruments as they will not be allowed to borrow them from one another, under any circumstances.

5 Detailed Time-Table of the practical examinatinos for candidates appearing at the First, Second Third and Final (New Scheme) (Civil, Mechanical, Electrical Branches) examinations in Engineering will be notified in due course by the Principal, Manipal Engineering Colllege, Manipal.

Candidates are directed to be present at the time and place appointed for their practical Examinations. Those who fail to present themselves at the appointed time and place will not be examined in practicals.

B. N. BOLE GOWDA.
Controller of Examinations

ENGINEERING EXAMINATIONS—NOVEMBER 1969.

(Revised Scheme)

(Note carefully the time of Examination).

TIME-TABLE.

Notification No. EX-8/25/69-70, dated 30th September 1969

Date	Time	Subject
	FIRST EXAMINATION IN ENGINEERING	
	(Revised and Pre-Professional Scheme)	
	No Candidates	
	SECOND EXAMINATION IN ENGINEERING	
	(Revised and Pre-Professional Scheme)	
	No Candidates	

THIRD EXAMINATION IN ENGINEERING (Revised Scheme)

CIVIL

Wednesday, 5th November 1969	...	9 A.M. to 12 NOON	Mathematics III

MECHANICAL

Wednesday, 5th November 1969	..	9 A.M. to 12 NOON	Structural Design

ELECTRICAL

No Candidates.

Final Examination in Engineering (Revised Scheme)

CIVIL

Date		Time	Subject
			Oral and Practical Examinations in Batches; 1 Hydraulic Laboratory 2 Surveying Practice IV
Thursday, 6th November 1969	...	9 A.M. to 12 NOON	Theory of Structures II and Structural Engineering I.
Friday, 7th November 1969	...	do	Structural Engineering II
Tuesday, 11th November 1969	...	do	Irrigation
Wednesday, 12th November 1969	...	do	Railways, Tunnels and Harbours.
Thursday, 13th November 1969	...	do	Highway Engineering
Friday, 14th November 1969	...	do	Estimating, Specification & Engineering Economics
Saturday, 15th November 1969	...	do	Surveying IV
Monday, 17th November 1969	...	9 A.M. to 1 P.M.	Design and Drawing I (Irrigation and Bridges)
Tuesday, 18th November 1969	...	do	Design and Drawing II (Structures)
Wednesday, 19th November 1969	...	do	Pre-stressed Concrete (Elective)
Thursday, 20th November 1969	...	do	Soil Mechanics and Foundation Engineering (Elective)

MECHANICAL

			Oral and Practical Examinations in Batches: **1 Mechanical Laboratory II** **2 Workshop Practice II**
Thursday, 6th November 1969	...	9 A.M. to 12 Noon	Heat Engines II
Friday, 7th November 1969	...	do	Heat Engines III
Tuesday, 11th November 1969	...	do	Workshop Theory II
Wednesday, 12th November 1969	...	do	Foundry Engineering (Elective) (F)
Thursday, 13th November 1969	...	do	Thermal Power Plant
Friday, 14th November 1969	...	do	Water Power Engineering
Saturday, 15th November 1969	...	do	Estimating Specification and Engineering Economics
Monday, 17th November 1969	...	do	Machine Design
Tuesday, 18th November 1969	...	9 A.M. to 1 P. M.	Machine Drawing III
Wednesday, 19th November 1969	...	9 A.M. to 12 NOON	Automobile Engineering (Elective) (G)

ELECTRICAL

No Candidates.

Note :—(F) Common paper for Final B.E. Mechanical Revised Scheme Examination and Final B.E, Mechanical—Five Year I. C. Examinations.

(G) Common paper for Final B.E. Mechanical Revised Scheme and Final B.E. Mechanical and Electrical—Five Year I. C. Examinations.

1. Detailed time-table for the Practical Examinations will be announced by the Chief Superintendent of the concerned Centre of Examinations, later.

B. N. BOLE GOWDA,
Controller of Examinations.